

SCREW-WORM SURVEY IN THE SOUTHWEST

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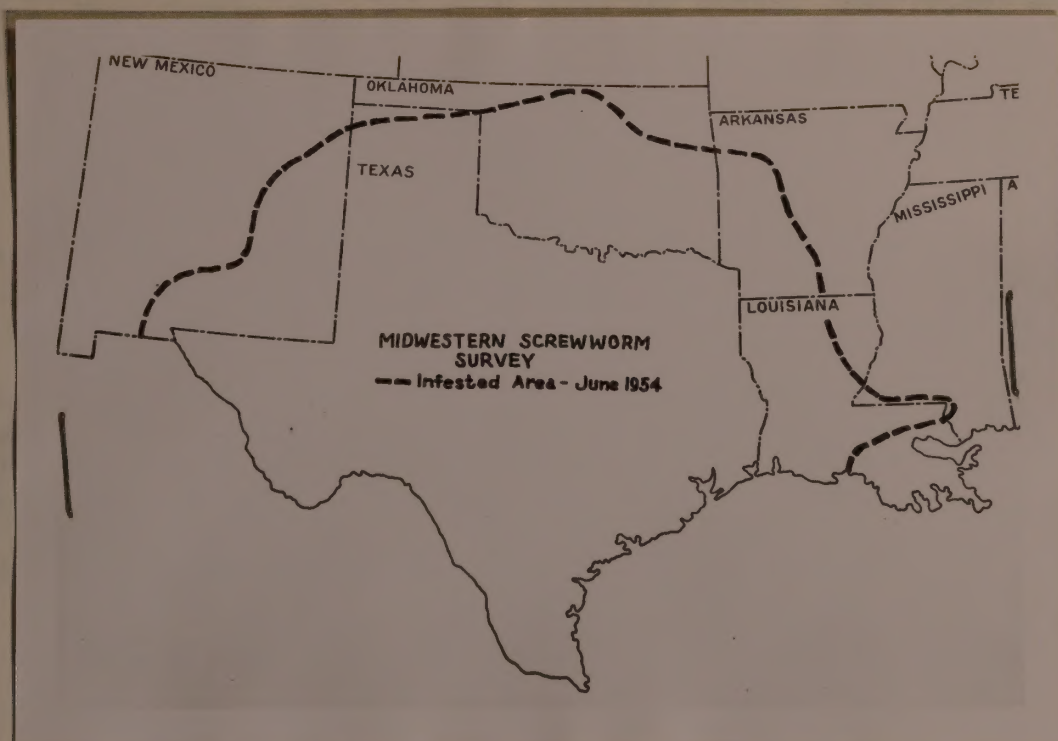
A survey to determine the spread of the Texas population of screw-worms was made June 1 to 19, 1954. The survey was made rather hurriedly, contacting mainly veterinarians and county agents for information. It is quite likely that few of the records obtained refer to infestations of larvae other than those of Callitroga hominivorax (Cqrl.); however, navel cases in calves were numerous enough to show a considerable migration of the primary screw-worm already this season.

Because of the mild winter of 1953-54, screw-worms survived considerably north of their usual overwintering area in the Rio Grande Valley.

By mid-June screw-worms had migrated over almost all of Texas and had spread over most of Oklahoma and Louisiana. The infestation extended well into New Mexico on the West and into Arkansas and Mississippi in the East.

Because of the large area infested by screw-worms so early in the season, the insects may do more damage than usual this summer if weather conditions remain favorable for fly activity. There is a greater than usual risk of screw-worms spreading to other states, both through normal migration and interstate shipment of animals with unnoticed infestations.

The infested area is shown in the attached map and supplementary information is summarized by states.



THE HISTORY OF THE UNITED STATES

OF THE UNITED STATES OF AMERICA

BY JAMES M. SMITH

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A history of the United States, from the first settlement of the continent by the English, to the present time. The history of the United States is a history of the growth of a great nation, from a small colony of English settlers to a great republic, which has become a world power. The history of the United States is a history of the struggle for freedom, and the establishment of a government of the people, by the people, and for the people. The history of the United States is a history of the development of a great civilization, which has become a model for the world.

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LOUISIANA

Along the coast, cases were reported as far as Vermillion Parish. A navel infestation (about May 31) in a calf was reported from the vicinity of Abbeville. Negative reports were obtained for Iberia, St. Martin, and St. Mary Parishes.

Allen Parish had been previously reported as being infested (Cooperative Economic Insect Report, 4(19):387. Records of navel cases were obtained from Evangeline, St. Landry, W. Feliciana, and Washington Parishes.

Navel cases were also reported from Wimm, Jackson, Lincoln, and Union Parishes, one in the latter within 15 miles of the State line. A dog with an infestation in an injured ear was in possession of a veterinarian at Ruston. The dog was brought over from Claiborne Parish.

MISSISSIPPI

Only negative results were obtained east of Washington Parish, Louisiana. On a trip from Mendenhall, Simpson County, to Natchez, Adams County, only in the latter county were cases reported that were undoubtedly screw-worms.

ARKANSAS

Traveling from El Dorado, Union County, north to Clarksville, Johnson County, evidently authentic cases were reported from Union, Calhoun, Ouachita, Clark (navel), and Garland Counties. In the vicinity of Hot Springs the screw-worm was reported active since about the last of February. Pope County was claimed to have had cases. Two recent cases occurred near Clarksville, one in a wire cut and one following dehorning. Johnson County is considered as the northern limit of migration to date.

OKLAHOMA

Navel case records were obtained from Sequoyah and Muskogee Counties. A case following dehorning was reported from Mayes County. A negative report was obtained for Craig County.

Reports of definite cases in an injured dog and following dehorning were obtained for Kay County. A telephone call to Arkansas City, Arkansas, resulted in a report of one doubtful case following dehorning. In Woodward County two cases were reported. One was an April case of young larvae in a calf with an injured tail. The other was a case in a fresh wound in a dog. Negative reports were obtained at Buffalo and Guymon.

TEXAS

Negative results were obtained from Dallam County but definite cases were claimed for both Moore and Potter Counties.

NEW MEXICO

The north and west limits of migration in New Mexico included the following counties: Lea, Eddy, Otero, Dona Ana, Chaves, Roosevelt, DeBaca, Curry and Quay.

Quay County had several castration cases in cattle and one due to branding. One known case in a calf navel from DeBaca County. Definite cases were reported for Chaves County following castration in cattle. Otero and Dona Ana Counties reported two cases each found in dogs that had been wounded. No livestock cases were found in the latter two counties.

